ADPT1052
Final

ABSTRACT OF THE DISCLOSURE

5   A host adapter uses a scatter/gather list that
includes a plurality of sections. Each section of the
scatter/gather list can have any desired size. A link
element in one section of the scatter/gather list is
used to link to another section in the list. The link
10   element has a format that is the same as the data
elements that represent data segments in the list.
Each element in the scatter/gather list includes an
end-of-list flag and an end-of-section flag. When the
end-of-list flag is set, the host adapter knows that
15   the end-of-the scatter/gather list has been reached.
When the end-of-section flag is set, the host adapter
knows that an address to another section of the
scatter/gather list is available.